

APPENDIX

5. An optical coupling system according to claim 2, wherein said total coupling loss is not larger than 0.05 dB.

6. An optical coupling system according to Claim 1, wherein said light source and said light-receiving unit are constituted by end surfaces of optical fibers which are equal in mode field diameter to each other.

8. An optical coupling system according to claim 1, wherein said lens having a positive refractive power is a rod lens having a gradient index distribution in a direction of a radius thereof.

9. An optical coupling system according to claim 1, wherein said lens having a positive refractive power is a plano-convex lens having a gradient index distribution in a direction of an optical axis thereof.

10. An optical coupling system according to claim 1, wherein said lens having a positive refractive power is a plano-convex lens made of a homogeneous material.

11. An optical coupling system according to claim 1, wherein said lens having a positive refractive power is a sphere lens made of a homogeneous material.

12. An optical coupling system according to claim 1, wherein said lens having a positive refractive power has a grating lens surface.

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